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Polyurethane elastic dental plate with excellent mechanical strength
obtd. by coating fluorine-contg. flexible resin layer on surface of
single or composite polyurethane resin layer

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Number of Patents: 002

Number of Countries: 001

Patent Family:

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JP 61220646	A	860930	8645	(Basic)
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Applications (CC,No,Date): JP 8562996 (850327)

Filing Details: JP93033049 Based on JP61220646

Abstract (Basic): JP 61220646

Polyurethane elastic dental plate is obtd. by coating
fluorine-contg. flexible resin layer comprising 40-60 mole% a fluoro
olefin (e.g., tetrafluoroethylene, etc.), 5-45 mole% alkylvinyl ether
(e.g., ethylvinylether), 3-15 mole% a hydroxy-alkylvinylether (e.g.,
hydroxyethylvinylether), and 3-0 mile% commonomer (e.g., ethylene)
copolymerisable with these components on surface of single or composite
polyurethane resin layer as dental plate body, which is formed from
reaction of polyol component (e.g., poly(oxytetramethylene) glycol) and
a polyisocyanate (e.g., 1,6-hemethylene diisocyanate), together with
chain extender (e.g., polyamine, etc.), etc..

USE/ADVANTAGE - Polyurethane elastic dental plate has excellent
not only mechanical strength, wear resistance, and durability but also
staining resistance, appearance stability, etc.. @ (6pp

Dwg.No.0/2)@

Derwent Class: ***A25***; ***D21***; ***A96***; ***P32***;

Int Pat Class: A61C-013/01

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